



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111053

**Mode:** Highway

**Status:** Submitted

### US-401

**From/Cross Street:** East Nash Street

**Specific Improvement Type:** 11 - Access Management

**To:** Burke Boulevard

**Project Category:** Regional Impact

**Length:** 1.37

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$6,457,000

#### Description:

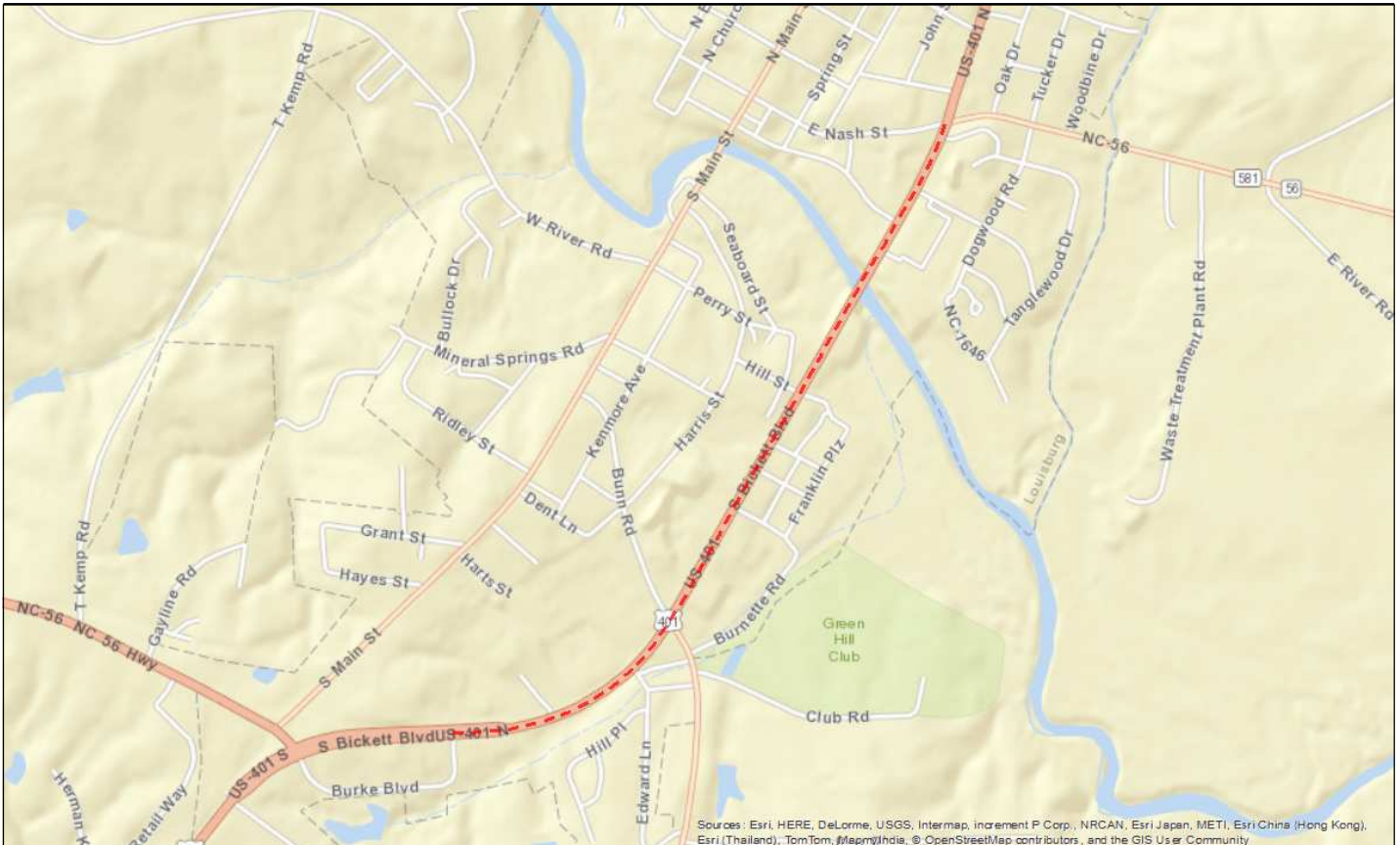
Replace 5-Lane Facility with 4-Lane Facility including Planted Median, Sidewalks and Bike Lane. the Objective Is to Improve the Facility to Delay the Need For Another Bypass of Louisburg.

**Division(s):** Division 5

**County(s):** FRANKLIN

**MPOS(s)/RPO(s):** Kerr-Tar RPO

### Project Location



**Statewide Mobility Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 36.18**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Accessibility / Connectivity (10%)      21.03 Congestion (V/C) (25%)                      48.32 Safety (10%)                                      67.81 [Travel Time] Benefit/Cost (25%)           0.88	Percent: 15% Points: 0	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 21.18</b>		

**Division Needs Total Score: 16.62**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%)                      48.32 Safety (10%)                                      67.81 [Travel Time] Benefit/Cost (20%)           0.88	Percent: 25% Points: 0	Percent: 25% Points: 0
<b>Totals: Weight: 50% Weighted Score: 16.62</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.37
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	21076.17
Capacity:	31700.3
Volume/Capacity Ratio:	0.66
% Autos:	94%
% Trucks:	6%
Truck Volume:	1223.4
Crash Density:	57.49
Crash Severity:	66.55
Critical Crash Rate:	79.39
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	63
Actual Congested Speed:	32.49
Travel Time Index:	0.83

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.37
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	250892.97
Travel Time Savings for 30 Years (Autos):	236329.45
Travel Time Savings for 30 Years (Trucks):	14563.52
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 5

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 5	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Kerr-Tar RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$5,016,000	TIP Unit
Right-of-Way Cost:	\$1,287,000	Cost Estimation Tool
Utilities Cost:	\$154,000	Cost Estimation Tool
Total Project Cost:	\$6,457,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$6,457,000</b>	